Atty. Docket No: 32149

se for relevant rules & statutes

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "PROTOCADHERIN MATERIALS AND METHODS," the specification of which (check one): 

was filed on June 27, 1994 as Application Serial No. 08/268,161 I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, application for patent or inventor's certificate listed below and have also identified below any foreign application or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)		e that of the application	prior	is claring	u.
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I hereby claim the benefit under unsofar as the subject matter of each of the nanner provided by the first paragraph of information known to me to be material to vailable between the filing date of the pri	11the 33, United States Code.	8112 Lacknowledge	tor omion states	application	in t
PCT/US93/12588		or i C i international f	iling date of this a	upplication:	
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I hereby declare that all statements declined belief are believed to be true; and furth like so made are punishable by fine or in he willful false statements may jeopardize POWER OF ATTORNEY: I (We) prosecute this application and transact all Basil P. Mann (18,464).  Alvin D. Shulman (19,412).  Donald J. Brott (19,490)	the validity of the application of the business in the Patent and Trad  Timothy J. Vezeau (26,34  Carl E. Moore, Jr. (26,48	ction 1001 of Title 18 or any patent issued the orneys, with full power emark Office connects	of the United Statereon.  ers of substitution at the rewith:  Christine A. Dudzi	es tatements es Code and and revocat	and tha
Owen J. Murray (22,111) Allen H. Gerstein (22,218) Nate F. Scarpelli (22,320) Edward M. O'Toole (22,477) Michael F. Borun (25,447)	Richard H. Anderson (26,526) James P. Zeller (28,491) William E. McCracken (30,195) Richard A. Schnurr (30,890) Anthony Nimmo (30,920)		Kevin D. Hogg (31,839) Jeffrey S. Sharp (31,879) Martin J. Hirsch (32,237) Richard M. La Barge (32,254) Jeffry W. Smith (33,455) Douglass C. Hochstetler (33,710) Greta E. Noland (35,302)		
Send correspondence to: GRETA	E. NOLAND				
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shall, O'Toole, Gerstein.	JIREE!	CITY & STATE	ZIP CODE		
Name of First or Sole Inventor	6300 Sears Tower 233 South Wacker Drive	(%) m			
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## 37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

prior art cited in search reports of a foreign patent office in a counterpart application, and (1)

the closest information over which individuals associated with the filing or prosecution of a patent (2) application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR

## 35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or

(c) he has abandoned the invention, or

(d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or

(f) he did not himself invent the subject matter sought to be patented, or

(g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

## 35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negative by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

## 35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying